

## ABSTRACT OF THE DISCLOSURE

There is provided a pick and place apparatus including a cam apparatus which comprises an input shaft (5); a first output shaft (7); rotational motion converting cam mechanism (21); a slider member (9); a relative rotation regulating cam mechanism (31); a cam link mechanism (41); a second output shaft (11); and a motion converting cam mechanism (51) engaged with and between the second output shaft and the slider member; an arm member (66) fixed on the first output shaft which is telescopic in the radial direction of the first output shaft; and a telescopic driving means (69) that converts the relative rotation generated between the first output shaft and second output shaft into an expansion or contraction of the arm member.